

GENERAL

Mammoth™ 100% polyester Acoustic Ceiling tiles are safe and easy to install. Mammoth™ NOVAhush Acoustic Ceiling Tiles are designed to be installed in suspended ceiling systems of new or existing buildings.

BEFORE YOU GET STARTED EASY TO INSTALL

- It won't irritate your skin when you touch it - in fact it is made from the same material that you may find in your pillows and duvets
- For further safety information on installation refer to the HSE Act and the Insulation Assoc. of New Zealand booklet of safe practices.



RECOMMENDED TOOLS

- Tape measure
- Marker pen
- High carbon filleting knife
- Cotton gloves for keeping tiles clean
- Ladder
- Safety goggles for protection against ceiling dust

THINGS TO LOOK OUT FOR

When installing Mammoth™ NOVAhush acoustic Ceiling Tiles you may come across:

Electrical Wires and other services

- Take care not to damage electrical wires, phone/data cables and other services - treat all wires as live

Special Consideration

Avoid placing any load or permanent pressure on the ceiling tile as it is not designed to hold weight.

In areas where condensation is likely to form, protect tiles by placing a waterproof breathable membrane on top.

Should occasional condensation occur, the membrane will protect the tiles from getting wet and staining.

NB: This measure will not protect ceiling tiles in cases of water leaks in the ceiling plenum.

Do not commence installation of ceiling tiles until all services in the ceiling plenum are complete and the space is clean and dust free.

NOVAhush Acoustic Ceiling Tiles are not suitable for areas with continuous high humidity or direct water contact such as showers, saunas, swimming pools, wet rooms etc.

Site Conditions

Site conditions at time of installation should approximate those of the finished building interior. Installation should only commence once the building is water-tight, dry and all wet processes have been completed. There must not be undue humidity due to drying concrete or plaster nor significant variation in temperature or relative humidity during or post installation. Any heating used on site during construction must be dry-heat.

Storage and Handling

The purchaser/contractor is responsible for how NOVAhush Acoustic Ceiling tiles are stored and handled.

NOVAhush Acoustic Ceiling tiles must be protected from the elements at all times. The tiles are packed in cartons within a plastic bag on pallets, but the packaging is not waterproof.

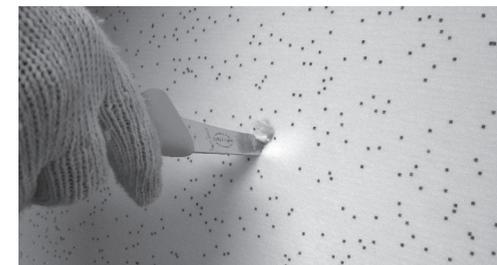
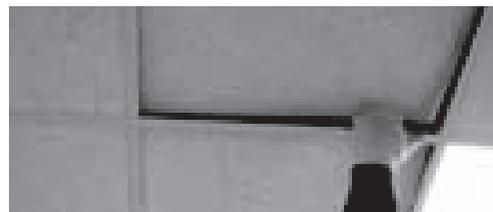
Poor handling of NOVAhush Acoustic Ceiling tiles (including but not limited to dropping of cartons, water damage, excessive compression, bending, etc) may damage the product and affect quality of fit. The cartons should be stored on a clean, dry, flat surface without heavy items placed on them. The ceiling tiles should remain in the carton until immediately before installation. The net weight of a carton of ceiling tiles is approximately 12kg however, as the volume of the carton is significant, care should be taken when lifting. If using a trolley jack, care must be taken to protect the corners and edges.

The use of personal protective gear is not required for the handling of NOVAhush Acoustic Ceiling tiles. Care must be taken at all times when handling the ceiling tiles to ensure the product is not marked or damaged. Clean cotton gloves must be worn to avoid finger marks or smudges.

INSTALLATION

Due consideration should be given at all times to the relevant installation standards for Suspended Ceiling Tile Systems and Health & Safety regulations.

To install NOVAhush Acoustic Ceiling Tiles, slightly tilt the panel and angle it through the grid system, taking care not to catch the edges which may cause damage to the tile. Gently position the tile into the grid. NOVAhush Acoustic Ceiling Tiles have a soft, slightly flexible texture and should easily fit into place. Being a light-weight tile, it may be necessary to reach from an adjoining panel space to gently press the tile into position.



NOVAhush Acoustic Ceiling tiles cut easily and cleanly with a sharp knife. A high-carbon filleting knife is recommended since the tip is sufficient to make penetrations into the centre of the tile when required.

NOVAhush Acoustic Ceiling tiles will not chip, crack or flake and have a degree of 'flex' which makes fitting into grids easier but excessive bending must be avoided. All light fixtures, air-conditioning and ventilation fittings must be independently supported or the load transferred fully to the suspension grid. Grid loading should be to NZS1170. Clips must be used to secure the tiles in place in all areas of significant airflow. Overlaid material such as insulation is not to exceed 3600 gm² although in high humidity areas must not exceed 1200 gm². The effect of overlaid material, potentially causing condensation, must be considered and is the responsibility of the ceiling designer/building owner.

NB: any redecoration of NOVAhush Ceiling tiles other than InsulPro Manufacturing Ltd's may compromise the fire performance of this product. The ceiling tile pattern is non-directional and can be used within the grid system randomly, there will be variations between batches and some inconsistencies may apply.

Manufactured by: InsulPro Manufacturing Ltd
27 Birmingham Road, East Tamaki, Manukau 2013